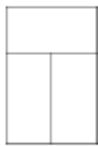


Fractions Try all red and amber tasks. Have a go at the green tasks if you are feeling like a challenge!

Red task fluency – I can recognise a 1/3 of a shape

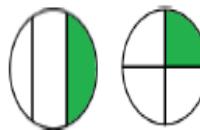
Shade  $\frac{1}{3}$  of each shape.



What is the same? What is different?

Red challenge reasoning

Which shapes represent one third?



Explain why the other circles do not represent one third.

Amber task fluency I can recognise a 1/3 of an amount .

Complete:

$$\frac{1}{3} \text{ of } 9 = \boxed{\phantom{0}} \quad \frac{1}{3} \text{ of } 15 = \boxed{\phantom{0}} \quad \boxed{\phantom{0} \phantom{0} \phantom{0}}$$

$$\frac{1}{3} \text{ of } 12 = \boxed{\phantom{0}} \quad \frac{1}{3} \text{ of } 18 = \boxed{\phantom{0}}$$

Amber challenge – problem solving

Rosie is organising her teddy bears.

She donates  $\frac{1}{3}$  of them to charity.

How many bears does she have left?



Green task fluency I can find 1/3(one third) 2/3 (two thirds) of an amount

Find 1/3 (one third) 2/3 (two thirds) of a number.

How can you show your thinking?

9, 12, , 15, 21, 6, 3

30,

Green challenge problem solving

Mary is thinking of a number.

One third of her number is greater than 8 but smaller than 12.

What could her number be?